

MQ15 male 0° / MQ15 female 0° 600V AC type 3

PVC 4x1.5 bk UL/CSA 10m

Male straight – female straight MQ15, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

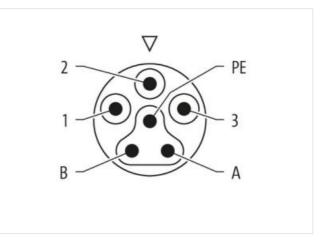
Illustration





_	BK 1	(1
	BK 2	(2
	BK 3	
-	GN YE	
-		C A
-		C B

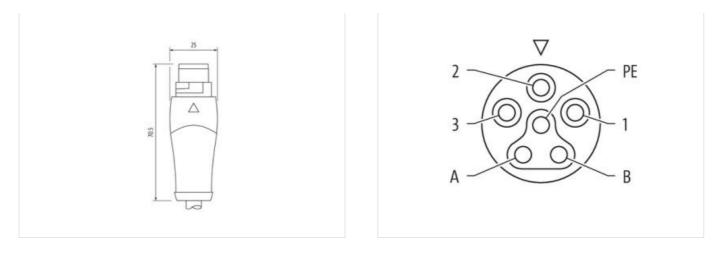
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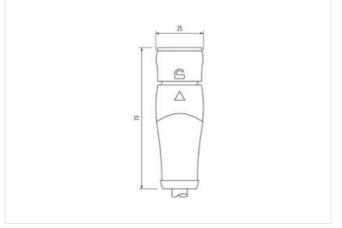


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Product may differ from Image



Form

1 Onin	
Form	P8241
Technical Data	
Operating voltage	max. 600 V AC
Rated surge voltage	6.0 kV
Operating current per contact	max. 13 A
No. of poles	4-pole
Material group	IEC 60664-1, category I
Coding	Туре 3
LED display	no
Locking of ports	Quick connection, 1/4 turn
Protection	IP65/IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	POM
suitable for corrugated tube (internal \emptyset)	18 mm
Configuration	partly used
General data	
Mounting method	inserted, tightened

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Material (contact surface) Ag Pollution Degree 3 Temperature range -30+85 °C, depending on cable quality Material (contact carrier) PA Cable Edite Cable identification P71 Cable velipht [g/m] 111,1 Material (wire) Cu wire, bare Resistor (core) max. 13.3 0.Km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84. 0.15 mm (multi-strand wire class 6) Diameter (core) 44. 15 mm² AWG similar to AWG 16 Material (wire isolation) PP Material property (wire isolation) 60 ± 5 D Colorn/mebring of wires bk numbered, grye longitudinally striped Stranding combination 4 wires twisted Sileid no Material (gacket) CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to proces, abrasion-resistant Shore hardines (sile (solation) 80 ± 5 A Outer-Ø (gacket) CFC -, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to proces, abrasion-resistant Shore hardines (glocket)	Material (contact)	Copper alloy
Temperature range -30+85 °C, depending on cable quality Material (contact carrier) PA Cable Cable identification Cable identification P71 Cable identification P71 Cable identification P71 Cable veight [g/m] 111,1 Material (wire) Cu wire, bare Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84 × 0.15 mm (multi-istrand wire class 6) Diameter (core) 4 × 1.5 mm? AWG similar to AWG 16 Material (wire isolation) PP Material (wire isolation) GP 5.D Color/numbering of wires bk numbered, gnye longitudinally striped Store hardness (wire isolation) GP VC Material (jacket) PVC Material (jacket) PVC Material (jacket) PVC Material (jacket) 90 ± 5 A Outer-Ø (jacket) GP ± 5% Color (jacket) GP ± 5% Color (jacket) GP ± 5% Color (jacket) 90 ± 5 A Outer-Ø (j	Material (contact surface)	Ag
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Cable identificationP71Cable Type1 (PVC)Cable weight [g/m]111,1Material (wire)Cu wire, bareResistor (core)max. 13.3 D/m (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84 × 0.15 mm (multi-strand wire class 6)Diameter (core)44 × 1.5 mm²AWGsimilar to AWG 16Material (wire isolation)PPMaterial (wire isolation)CFC, halogen, cadmium-, silicone- and lead-freeShore hardness (wire isolation)60 ±5 DColor/numbering of wiresbk numbered, grup longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AColor (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)0.5 ± AColor (jacket)ChC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to p	Material (contact carrier)	PA
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Material (wire) Cu wire, bare Resistor (core) max. 13.3 Q/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84 × 0.15 mm (multi-strand wire class 6) Diameter (core) 4 × 1.5 mm² AWG similar to AWG 16 Material property (wire isolation) PP Material property (wire isolation) 60 ± 50 Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 4 wires twisted Shield no Material (acket) PVC Material (acket) PVC Material property (acket) CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant Shore hardness (lacket) 90 ± 5 A Outer-Ø (jacket) 7.4 mm ± 5% Color (jacket) 10.4 kV Color (jacket) 10.4 kV Color (jacket) 10.4 kV Colure-Ø (jacket) 10.0 kV Curerent load capacity to DIN VDE 0298-4 Temperature range (fixed) 40+80 °C Temperature range (mobile)	Cable Type	1 (PVC)
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Construction (core) 84× 0.15 mm (multi-strand wire class 6) Diameter (core) 4× 1.5 mm ² AWG similar to AWG 16 Material (wire isolation) PP Material property (wire isolation) 60 ± 5 D Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material (jacket) PVC Material (jacket) 90 ± 5 A Outer-Ø (jacket) 7.4 mm ±5% Color (jacket) 7.4 mm ±5% Color (jacket) 51 ± 5 A Outer-Ø (jacket) 51 ± 5 A Outer-Ø (jacket) 90 ± 5 A Outer-Ø (jacket) 7.4 mm ±5% Color (jacket) 51 ± 5 A Outer-Ø (jacket) 100 ± 5 A Outer-Ø (jacket) 100 ± 5 A Outer-Ø (jacket) 10 ± 5 A Outer-Ø (jacket) 10 ± 5 A Color (jacket) 10 ± 5 A Outer-Ø (jacket) 10 ± 5 A Current old capacity to 01	Resistor (core)	max. 13.3 Ω/km (20 °C)
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AWGsimilar to AWG 16Material (wire isolation)PPMaterial property (wire isolation)CFC-, halogen-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)60 ±5 DColor/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)7.4 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardantNominal voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	Construction (core)	84× 0.15 mm (multi-strand wire class 6)
Material (wire isolation) PP Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 60 ±5 D Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.4 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant Nominal voltage 10.0 kV Currer load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Diameter (core)	4× 1.5 mm ²
Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 60 ± 5 D Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant Shore hardness (jacket) 90 ± 5 A Outer-Ø (jacket) 7.4 mm ±5% Color (jacket) 7.4 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant Nominal voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	AWG	similar to AWG 16
Shore hardness (wire isolation)60 ±5 DColor/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)7.4 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardantNominal voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	Material (wire isolation)	PP
Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)7.4 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardantNominal voltage1000 V ACTest voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.4 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Shore hardness (wire isolation)	60 ±5 D
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Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistantShore hardness (jacket)90 ± 5 AOuter-Ø (jacket)7.4 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardantNominal voltage1000 V ACTest voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	Stranding combination	4 wires twisted
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Outer-Ø (jacket)7.4 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardantNominal voltage1000 V ACTest voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
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thermal resistance flame retardant Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Color (jacket)	black
Nominal voltage1000 V ACTest voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	chemical resistance	good resistance to oil, gasoline and chemicals
Test voltage10.0 kVCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (mobile)-25+80 °CBend radius (moving)10× outer ØProduct article number of manufacturer7000-P8241-P711000	thermal resistance	flame retardant
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Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Test voltage	10.0 kV
Temperature range (mobile) -25+80 °C Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Current load capacity	to DIN VDE 0298-4
Bend radius (moving) 10× outer Ø Product article number of manufacturer 7000-P8241-P711000	Temperature range (fixed)	-40+80 °C
Product article number of manufacturer 7000-P8241-P711000	Temperature range (mobile)	-25+80 °C
	Bend radius (moving)	10× outer Ø
Cable length 10 m	Product article number of manufacturer	7000-P8241-P711000
	Cable length	10 m

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